	Application No.	Applicant(s)
Notice of Allowability	10/820,411	MALIK, DALE W.
	Examiner	Art Unit	
	Marc R. Filipczyk	2163	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *5/13/08*.

2. ☒ The allowed claim(s) is/are *21,23-28,30-33,35 and 37-41*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None   of the:

        1. ☐ Certified copies of the priority documents have been received.

        2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

        3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the

            International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

        1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of

        Paper No./Mail Date _____ .

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO/SB/08),
    Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit
    of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☒ Interview Summary (PTO-413),
    Paper No./Mail Date *6/13/08* .

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

DETAILED ACTION

This Action is responsive to RCE and amendment filed on May 13, 2008.

Claims 1-20 and 34 are cancelled and new claim 41 is added, hence, claims 21-33 and 35-41 are

now pending.

Continued Examination Under 37 CFR 1.114

A request for continued examination under 37 CFR 1.114, including the fee set forth in

37 CFR 1.17(e), was filed in this application after final rejection. Since this application is

eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e)

has been timely paid, the finality of the previous Office action has been withdrawn pursuant to

37 CFR 1.114. Applicant's submission filed on 5/13/08 has been entered.

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or

additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR

1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the

payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with

Anthony Bonner Jr. on June 13, 2008.

AMENDMENT TO CLAIMS

21.   (Currently Amended) A computer-readable medium ~~comprising:~~ having stored in

memory computer executable instructions that when executed by a computer are configured to

perform the following:

computer-readable code adapted to instruct a programmable device to search for a
first piece of sensitive information, the first piece of sensitive information including personal
information regarding at least one user;

computer-readable code adapted to instruct a programmable device to search for a
second piece of sensitive information, the second piece of sensitive information including
personal information regarding the at least one user;

computer-readable code adapted to instruct a programmable device to obtain a
result of the search for the first piece of sensitive information, the first piece of sensitive
information being of a first type;

computer-readable code adapted to instruct a programmable device to obtain a
result of the search for the second piece of sensitive information, the second piece of sensitive
information being of a second type, the first type of information being different than the second
type of information;

computer-readable code adapted to instruct a programmable device to assign a
first score, the first score being determined from the number of occurrences of the first piece of
sensitive data, as revealed in the search for the first piece of sensitive data;

computer-readable code adapted to instruct a programmable device to assign a
second score, the second score being determined from the number of occurrences of the ~~first~~
second piece of sensitive data, as revealed in the search for the ~~first~~ second piece of sensitive
data;

computer-readable code adapted to instruct a programmable device to combine

the first score and the second score;

~~computer-readable code adapted to instruct a programmable device to~~ provide the combined score to a user; and

~~computer-readable code adapted to instruct a programmable device to~~ automatically determine, from the combined ~~score,~~ score and a combination of sensitive information types searched, a risk for at least one identity-related ~~vulnerability.~~ vulnerability, wherein sensitive information includes at least one of the following: a name, an address, a social security number, a telephone number, and an email address.

22.   (Canceled)

26.   (Currently Amended) The computer-readable medium of claim 21, wherein the ~~computer-readable code adapted to instruct a programmable device to~~ search for the first piece of sensitive information ~~is configured to~~ includes a search of one or more web pages.

27.   (Currently Amended) The computer-readable medium of claim 21, wherein the ~~computer-readable code adapted to instruct a programmable device to~~ search for the second piece of sensitive information ~~is configured to~~ includes a search of one or more web pages.

28.   (Currently Amended) A computer method comprising:

searching for a first piece of sensitive information, the first piece of sensitive information including personal information regarding at least one user;

searching for a second piece of sensitive information, the second piece of sensitive

information including personal information regarding the at least one user;

obtaining a result of the search for the first piece of sensitive information, the first piece

of sensitive information being of a first type;

obtaining a result of the search for the second piece of sensitive information, the second

piece of sensitive information being of a second type, the first type of information being different

than the second type of information;

assigning a first score, the first score being determined from the number of occurrences

of the first piece of sensitive data, as revealed in the search for the first piece of sensitive data;

assigning a second score, the second score being determined from the number of

occurrences of the second piece of sensitive data, as revealed in the search for the second piece

of sensitive data;

combining, by an electronic device, the first score and the second score;

providing, by the electronic device, the combined score to a user; and

automatically determining, from the combined score, score and a combination of

sensitive information types searched, a risk for at least one identity-related vulnerability.

vulnerability,

wherein sensitive information includes at least one of the following: a name, an address, a

social security number, a telephone number, and an email address.

29.   (Canceled)

35.   (Currently Amended) A system comprising:

a processor; and

a memory that stores:

a first searching component configured to search for a first piece of sensitive information, the first piece of sensitive information including personal information regarding at least one user;

a second searching component configured to search for a second piece of sensitive information, the second piece of sensitive information including personal information regarding the at least one user;

a first obtaining component configured to obtain a result of the search for the first piece of sensitive information, the first piece of sensitive information being of a first type;

a second obtaining component configured to obtain a result of the search for the second piece of sensitive information, the second piece of sensitive information being of a second type, the first type of information being different than the second type of information;

a first assigning component configured to assign a first score, the first score being determined from the number of occurrences of the first piece of sensitive data, as revealed in the search for the first piece of sensitive data;

a second assigning component configured to assign a score, the second score being determined from the number of occurrences of the second piece of sensitive data, as revealed in the search for the second piece of sensitive data;

a combining component configured to combine the first score and the second score;

a providing component configured to provide the combined score to a user; and

a determining component configured to <u>automatically</u> determine, from the

combined ~~score,~~ <u>score and a combination of sensitive information types searched,</u> a risk for at

least one identity-related ~~vulnerability.~~ <u>vulnerability,</u>

<u>wherein sensitive information includes at least one of the following: a name, an address, a</u>

<u>social security number, a telephone number, and an email address.</u>

36.   (Canceled)

Allowable Subject Matter

Claims 21, 23-28, 30-33, 35 and 37-41 are allowable over the prior art of record

renumbered as claims 1-17, respectively.

The following is an Examiner's statement of reasons for allowance:

Claims 21, 28 and 35 are allowable because the prior art of record or that encountered in

searching for the invention, fails to disclose or suggest assigning scores based on a number of

occurrences of sensitive data as revealed in a search, and automatically determine from a

combined score and a combination of sensitive information types searched, a risk for at least one

identity-related vulnerability, wherein sensitive information includes at least one of the

following: a name, an address, a social security number, a telephone number, and an email

address, as claimed in addition to the other claim provisions.

Regarding claims 23-27, 30-33 and 37-41 depend from allowable claims 21, 28 and 35,

respectively, and are therefore allowable on the same basis.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Marc R. Filipczyk whose telephone number is (571) 272-4019. The examiner can normally be reached on Mon-Fri, 8:30am-5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Don Wong can be reached on 571-272-1834. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

MF
June 16, 2008
/Marc R Filipczyk/
Examiner, Art Unit 2163

/don wong/
Supervisory Patent Examiner, Art Unit 2163